

Appl. No.: 09/840,600  
Amdt. dated: 9/2/2003  
Reply to Office Action of July 1, 2003

### **REMARKS/ARGUMENTS**

Upon entry of the instant amendment, claims 1 and 4-19 are pending. Claims 13-15 have been allowed and claims 4 and 17 have been objected to as depending on a rejected base claim. Claim 4 has been converted to independent form and thus should be allowable. Claim 17 is dependent upon claim 4 and thus should also be allowable. Please cancel claim 1. Claim 5 has been amended to depend on claim 4 and thus should be allowable. Claims 6-12 have been amended to depend either directly or indirectly on claim 5 and thus should also be allowable. Claims 16, 18 and 19 have likewise been amended to depend on claim 5 and thus should be allowable. Based upon the instant amendment, the application should be in condition for allowance.

#### **Claim Rejections – 35 U.S.C. §112:**

Claims 6 and 7 have been rejected based on the limitation “step (d)” in line 1. These claims have been amended to recite step (c). Claim 5, upon which claim 6 and 7 depend, either directly or indirectly, has also been amended to provide the antecedent basis for step (c). Accordingly, this rejection should be obviated.

#### **Claim Rejections – 35 U.S.C. §102:**

Claims 1, 5-7, 16, 18 and 19 have been rejected under 35 U.S.C. §102(b) as being anticipated by *Mahon et al.* (“A Technique for Modeling S-Parameters for HEMT Structures as a Function of Gate Bias”, IEEE Transactions on Microwave Theory and Techniques, Vol. 40, No. 7, July 1992).

Claim 1 has been cancelled. Claims 5-7, 16, 18 and 19 have been amended to depend on claims which have been allowed. Accordingly, this rejection should be obviated.

#### **Claim Rejections – 35 U.S.C. §103:**

Claims 8-12 have been rejected under 35 U.S.C. §103 as being unpatentable over *Mahon et al.* in view of *Hirose et al.* (“A Possible Scaling Limit for Enhancement-Mode GaAs

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MESFET's in DCFL Circuits", IEEE Transactions on Electron Devices, Vol. 39, No. 12, Dec. 1992). These claims, 8-12 have been amended to depend on allowed subject matter. Accordingly, this rejection should be obviated.

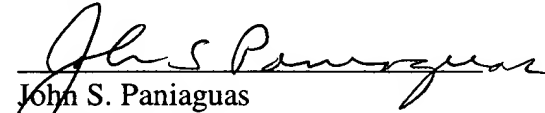
### **CONCLUSION**

All of the rejected claims have been amended to depend upon allowed subject matter. Accordingly, it is respectfully submitted that the application is in condition for allowance.

Respectfully submitted,

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